

1644

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/559,764

DATE: 07/11/2000
 TIME: 10:39:59

Input Set : A:\Sequence
 Output Set: N:\CRF3\07112000\I559764.raw

3 <110> APPLICANT: Flodgaard, Hans Jakob
 4 Lindbom, Lennart
 5 Bjoern, Soeren
 8 <120> TITLE OF INVENTION: Inhibition Of Bradykinin Release
 11 <130> FILE REFERENCE: 5694.200-US
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/559,764
 C--> 13 <141> CURRENT FILING DATE: 2000-04-27
 13 <150> PRIOR APPLICATION NUMBER: 60/132,748
 14 <151> PRIOR FILING DATE: 1999-04-29
 16 <150> PRIOR APPLICATION NUMBER: 60/157,384
 17 <151> PRIOR FILING DATE: 1999-10-01
 19 <160> NUMBER OF SEQ ID NOS: 14
 21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 225
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1
 29 Ile Val Gly Gly Arg Lys Ala Arg Pro Arg Gln Phe Pro Phe Leu Ala
 30 1 5 10 15
 31 Ser Ile Gln Asn Gln Gly Arg His Phe Cys Gly Gly Ala Leu Ile His
 32 20 25 30
 33 Ala Arg Phe Val Met Thr Ala Ala Ser Cys Phe Gln Ser Gln Asn Pro
 34 35 40 45
 35 Gly Val Ser Thr Val Val Leu Gly Ala Tyr Asp Leu Arg Arg Arg Glu
 36 50 55 60
 37 Arg Gln Ser Arg Gln Thr Phe Ser Ile Ser Ser Met Ser Glu Asn Gly
 38 65 70 75 80
 39 Tyr Asp Pro Gln Gln Asn Leu Asn Asp Leu Met Leu Leu Gln Leu Asp
 40 85 90 95
 41 Arg Glu Ala Asn Leu Thr Ser Ser Val Thr Ile Leu Pro Leu Pro Leu
 42 100 105 110
 43 Gln Asn Ala Thr Val Glu Ala Gly Thr Arg Cys Gln Val Ala Gly Trp
 44 115 120 125
 45 Gly Ser Gln Arg Ser Gly Gly Arg Leu Ser Arg Phe Pro Arg Phe Val
 46 130 135 140
 47 Asn Val Thr Val Thr Pro Glu Asp Gln Cys Arg Pro Asn Asn Val Cys
 48 145 150 155 160
 49 Thr Gly Val Leu Thr Arg Arg Gly Gly Ile Cys Asn Gly Asp Gly Gly
 50 165 170 175
 51 Thr Pro Leu Val Cys Glu Gly Leu Ala His Gly Val Ala Ser Phe Ser
 52 180 185 190
 53 Leu Gly Pro Cys Gly Arg Gly Pro Asp Phe Phe Thr Arg Val Ala Leu
 54 195 200 205
 55 Phe Arg Asp Trp Ile Asp Gly Val Leu Asn Asn Pro Gly Pro Gly Pro
 56 210 215 220
 57 Ala

ENTERED

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58 225
60 <210> SEQ ID NO: 2
61 <211> LENGTH: 678
62 <212> TYPE: DNA
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 2
66 atcgttggcg gccggaagcg gagggcccg cagttcccgt tcttgccctc cattcagaat    60
67 caaggcagcg acttctgcgg ggtgcccctg atccatgccc gcttcgtgat gaccgcggcc    120
68 agctgcttcc aaagccagaa ccccgggggtt agcaccgtgg tgctgggtgc ctatgacctg    180
69 aggcggcggg agaggcagtc ccgccagacg ttttccatca gcagcatgag cgagaatggc    240
70 tacgaccccc agcagaacct gaacgacctg atgctgcttc agctggaccg tgaggccaac    300
71 ctaccagca gcgtgacgat actgccactg cctctgcaga acgccacggt ggaagccggc    360
72 accagatgcc aggtggccgg ctgggggagc cagcgcaagt gggggcgctc ctcccgtttt    420
73 cccaggttgc tcaacgtgac tgtgaccccc gaggaccagt gtcgccccaa caacgtgtgc    480
74 accggtgtgc tcaccccgcc cggtggcctc tgcaatgggg acggggggcac cccctcgtc    540
75 tgcgaggggc tggcccacgg cgtggcctcc ttttccctgg ggccctgtgg ccgaggccct    600
76 gacttcttca cccgagtggc gctcttccga gactggatcg atggcgcttt aaacaatccg    660
77 ggaccggggc cagcctag
79 <210> SEQ ID NO: 3
80 <211> LENGTH: 698
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 3
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86 tcttgccctc cattcagaat caaggcagcg acttctgcgg ggtgcccctg atccatgccc    120
87 gcttcgtgat gaccgcggcc agctgcttcc aaagccagaa ccccggggtt agcaccgtgg    180
88 tgctgggtgc ctatgacctg aggcggcggg agaggcagtc ccgccagacg ttttccatca    240
89 gcagcatgag cgagaatggc tacgaccccc agcagaacct gaacgacctg atgctgcttc    300
90 agctggaccg tgaggccaac ctaccagca gcgtgacgat actgccactg cctctgcaga    360
91 acgccacggt ggaagccggc accagatgcc aggtggccgg ctgggggagc cagcgcagtg    420
92 gggggcgctc ctcccgtttt cccaggttgc tcaacgtgac tgtgaccccc gaggaccagt    480
93 gtcgccccaa caacgtgtgc accggtgtgc tcaccccgcc cggtggcctc tgcaatgggg    540
94 acggggggcac cccctcgtc tgcgagggcc tggcccacgg cgtggcctcc ttttccctgg    600
95 ggccctgtgg ccgaggccct gacttcttca cccgagtggc gctcttccga gactggatcg    660
96 atggcgcttt aaacaatccg ggaccggggc cagcctag
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 232
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 4
104 Gly Ser Ser Pro Leu Leu Asp Ile Val Gly Gly Arg Lys Ala Arg Pro
105 1 5 10 15
106 Arg Gln Phe Pro Phe Leu Ala Ser Ile Gln Asn Gln Gly Arg His Phe
107 20 25 30
108 Cys Gly Gly Ala Leu Ile His Ala Arg Phe Val Met Thr Ala Ala Ser
109 35 40 45
110 Cys Phe Gln Ser Gln Asn Pro Gly Val Ser Thr Val Val Leu Gly Ala
111 50 55 60
112 Tyr Asp Leu Arg Arg Arg Glu Arg Gln Ser Arg Gln Thr Phe Ser Ile

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113 65                      70                      75                      80
114 Ser Ser Met Ser Glu Asn Gly Tyr Asp Pro Gln Gln Asn Leu Asn Asp
115                      85                      90                      95
116 Leu Met Leu Leu Gln Leu Asp Arg Glu Ala Asn Leu Thr Ser Ser Val
117                      100                     105                     110
118 Thr Ile Leu Pro Leu Pro Leu Gln Asn Ala Thr Val Glu Ala Gly Thr
119                      115                     120                     125
120 Arg Cys Gln Val Ala Gly Trp Gly Ser Gln Arg Ser Gly Gly Arg Leu
121                      130                     135                     140
122 Ser Arg Phe Pro Arg Phe Val Asn Val Thr Val Thr Pro Glu Asp Gln
123                      145                     150                     155                     160
124 Cys Arg Pro Asn Asn Val Cys Thr Gly Val Leu Thr Arg Arg Gly Gly
125                      165                     170                     175
126 Ile Cys Asn Gly Asp Gly Gly Thr Pro Leu Val Cys Glu Gly Leu Ala
127                      180                     185                     190
128 His Gly Val Ala Ser Phe Ser Leu Gly Pro Cys Gly Arg Gly Pro Asp
129                      195                     200                     205
130 Phe Phe Thr Arg Val Ala Leu Phe Arg Asp Trp Ile Asp Gly Val Leu
131                      210                     215                     220
132 Asn Asn Pro Gly Pro Gly Pro Ala
133 225                      230
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 756
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 5
141 atgaccgggc tgacagtcc tggccctgctg gctggtctgc tggcgtctc gagggccggc 60
142 tccagccccc ttttggacat cgttggcggc cgggaaggcga ggccccgcc gttcccgttc 120
143 ctggcctcca ttcagaatca aggcaggcac ttctgcgggg gtgccctgat ccatgcccg 180
144 ttctgatga cgcgggccag ctgcttccaa agccagaacc ccgggggttag caccgtggtg 240
145 ctgggtgcct atgacctgag gcggcgggag aggcagtcce gccagacgtt ttccatcagc 300
146 agcatgagcg agaattggcta cgaccccccag cagaacctga acgacctgat gctgcttcag 360
147 ctggaccgtg aggccaaacct caccagcagc gtgacgatac tgccactgcc tctgcagaac 420
148 gccacgggtg aagccggcac cagatgccag gtggccgctc gggggagcca gcgcagtggg 480
149 gggcgctctc cccgttttcc caggttcgtc aacgtgactg tgacccccga ggaccagtgt 540
150 cgccccaaac acgtgtgcac cgtgtgtctc acccgccgcg gtggcatctg caatggggac 600
151 gggggcaccc ccctcgtctg cgagggcctg gccacgcgcg tggcctcctt ttccctgggg 660
152 ccctgtggcc gagggcctga cttcttcacc cgagtggcgc tcttcgaga ctggatcgat 720
153 ggcgttttaa acaatccggg accggggcca gcctag 756
155 <210> SEQ ID NO: 6
156 <211> LENGTH: 251
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 6
161 Met Thr Arg Leu Thr Val Leu Ala Leu Leu Ala Gly Leu Leu Ala Ser
162 1 5 10 15
163 Ser Arg Ala Gly Ser Ser Pro Leu Leu Asp Ile Val Gly Gly Arg Lys
164 20 25 30
165 Ala Arg Pro Arg Gln Phe Pro Phe Leu Ala Ser Ile Gln Asn Gln Gly

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166           35           40           45
167 Arg His Phe Cys Gly Gly Ala Leu Ile His Ala Arg Phe Val Met Thr
168      50           55           60
169 Ala Ala Ser Cys Phe Gln Ser Gln Asn Pro Gly Val Ser Thr Val Val
170      65           70           75           80
171 Leu Gly Ala Tyr Asp Leu Arg Arg Arg Glu Arg Gln Ser Arg Gln Thr
172           85           90           95
173 Phe Ser Ile Ser Ser Met Ser Glu Asn Gly Tyr Asp Pro Gln Gln Asn
174           100          105          110
175 Leu Asn Asp Leu Met Leu Leu Gln Leu Asp Arg Glu Ala Asn Leu Thr
176           115          120          125
177 Ser Ser Val Thr Ile Leu Pro Leu Pro Leu Gln Asn Ala Thr Val Glu
178           130          135          140
179 Ala Gly Thr Arg Cys Gln Val Ala Gly Trp Gly Ser Gln Arg Ser Gly
180      145           150          155          160
181 Gly Arg Leu Ser Arg Phe Pro Arg Phe Val Asn Val Thr Val Thr Pro
182           165          170          175
183 Glu Asp Gln Cys Arg Pro Asn Asn Val Cys Thr Gly Val Leu Thr Arg
184           180          185          190
185 Arg Gly Gly Ile Cys Asn Gly Asp Gly Gly Thr Pro Leu Val Cys Glu
186           195          200          205
187 Gly Leu Ala His Gly Val Ala Ser Phe Ser Leu Gly Pro Cys Gly Arg
188           210          215          220
189 Gly Pro Asp Phe Phe Thr Arg Val Ala Leu Phe Arg Asp Trp Ile Asp
190      225          230          235          240
191 Gly Val Leu Asn Asn Pro Gly Pro Gly Pro Ala
192           245          250
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 19
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 7
200 His Lys His Gly His Gly His His Lys Lys Asn Lys Gly Lys Lys Asn
201      1           5           10           15
202 Gly Lys His
205 <210> SEQ ID NO: 8
206 <211> LENGTH: 31
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 8
211 Ser Asp Asp Asp Trp Ile Pro Asp Ile Gln Thr Asp Pro Asn Gly Leu
212      1           5           10           15
213 Ser Phe Asn Pro Ile Ser Asp Phe Pro Asp Thr Thr Ser Pro Lys
214           20           25           30
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 33
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:

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222 <223> OTHER INFORMATION: pcr primers
224 <400> SEQUENCE: 9
225 ccggggatcc gatgaccggt ctgacagtcc tgg          33
227 <210> SEQ ID NO: 10
228 <211> LENGTH: 33
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: pcr primers
235 <400> SEQUENCE: 10
236 ggcacccccg cactcgtggc tgccttgatt ctg          33
238 <210> SEQ ID NO: 11
239 <211> LENGTH: 33
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: pcr primers
246 <400> SEQUENCE: 11
247 cagaatcaag gcagccacga gtgcgggggt gcc          33
249 <210> SEQ ID NO: 12
250 <211> LENGTH: 27
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: pcr primers
257 <400> SEQUENCE: 12
258 gaggggggtg ccctggtccc cattgca          27
260 <210> SEQ ID NO: 13
261 <211> LENGTH: 27
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: pcr primers
268 <400> SEQUENCE: 13
269 tgcaatgggg accagggcac cccctc          27
271 <210> SEQ ID NO: 14
272 <211> LENGTH: 33
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: pcr primers
279 <400> SEQUENCE: 14
280 ccggggatcc aactaggctg gccccgtcc cgg          33

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VERIFICATION SUMMARY DATE: 07/11/2000
PATENT APPLICATION: US/09/559,764 TIME: 10:40:00

Input Set : A:\Sequence
Output Set: N:\CRF3\07112000\I559764.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date